

3763 #16

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
1174

In Re Application Of: **HEINZ, J., ET AL**

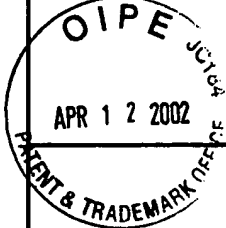
Serial No.  
09/593,571

Filing Date  
06/14/2000

Examiner  
**MENDEZ, M.**

Group Art Unit  
1174

Title: **SYRINGE FOR MEDICAL PURPOSES**



Address to:

**Assistant Commissioner for Patents  
Washington, D.C. 20231**

**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application; within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or before the mailing date of a first Office Action on the merits, whichever event occurs last.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after three months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either:

1. a Final Action under 37 CFR 1.113, or
  2. a Notice of Allowance under 37 CFR 1.311,
- whichever occurs first.

Also submitted herewith is:

- ☐ a certification as specified in 37 CFR 1.97(e);

**OR**

- ☐ the fee set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c).

**RECEIVED**  
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**TECHNOLOGY CENTER R3700**

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
1174

In Re Application Of: HEINZ, J., ET AL

Serial No.  
09/593,571

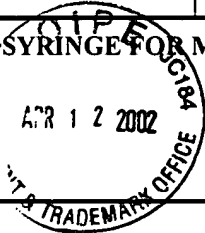
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MENDEZ, M.

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1174

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APR 12 2002



**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☒ A check in the amount of \_\_\_\_\_ is attached.
- ☐ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 19-4675 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.

**Certificate of Transmission by Facsimile\***

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. \_\_\_\_\_) on \_\_\_\_\_ (Date)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Typed or Printed Name of Person Signing Certificate

**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited on APRIL 3, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

\_\_\_\_\_  
Signature of Person Mailing Correspondence

MICHAEL J. STRIKER

\_\_\_\_\_  
Typed or Printed Name of Person Mailing Correspondence

**\*This certificate may only be used if paying by deposit account.**

Dated: APRIL 3, 2002

\_\_\_\_\_  
Signature

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CC:

UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner:.

Group: Attorney Docket # 1174



Applicant(s) : HEINZ, J., ET AL

Serial No. : 09/593,571

Filed : 06/14/2000

For : SYRINGE FOR MEDICAL PURPOSES

**INFORMATION DISCLOSURE STATEMENT**

April 2, 2002

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

S I R S:

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APR 16 2002  
TECHNOLOGY CENTER R3700

\_\_\_\_\_ In accordance with the Duty of Disclosure, Applicant(s) submit(s) herewith a copy of a Foreign Search Report in a counterpart application and copies of the reference(s) indicated therein.

\_\_\_\_\_ In the event that the Foreign Search Report is in a foreign language, a translation thereof is herewith submitted.

  X   Attached hereto is a FORM PTO 1449 listing the references.

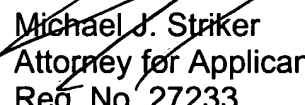
\_\_\_\_\_ Attached hereto is a copy of a reference cited in the specification of the application as filed. The specification itself recites the relevance of these documents.

\_\_\_\_\_ Applicant petitions for consideration of this Information Disclosure Statement since it is being submitted after receipt of an office action. It is respectfully requested that the required fee be charged to the account of the undersigned: 19-4675.

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- \_\_\_\_\_ Attached hereto are copies of references cited which may be pertinent to this application. Since the references are in the English language, no statement of relevancy is submitted.
- \_\_\_\_\_ Attached hereto is a copy of the Office Action issued in the corresponding German application, together with a translation thereof and copies of the references cited therein. A list of the cited references is also attached.
- \_\_\_\_\_ Attached hereto copies of references cited which may be pertinent to this application. An English translation of the references is also attached.
- X   Attached hereto is a Statement of Relevancy and copies of references cited therein.
- \_\_\_\_\_ The relevancy of each reference can be found in the English language Abstract attached thereto

Respectfully submitted,

  
Michael J. Striker  
Attorney for Applicant(s)  
Reg. No. 27233



## STATEMENT OF RELEVANCY FOR IDS FOR

HEINZ, 09/593,571, Docket No. 1174

1. DE 29 39 180 C2, published April 24, 1980; Helmut Barta, et al, inventors; Immuno AG, applicant. This reference is in the German language and it discloses a pre-filled glass syringe having a tubular needle that is attached to a conical front portion of a syringe body. The tubular needle is fixed to a connecting piece, which snaps into a circumferential groove provided in the conical front portion.

2. DE 29 708 314 A1, published October 9, 1997; Buender Glas GmbH, applicant. This reference is in the German language. It discloses a one-piece needle-protecting device for a glass syringe having a hollow needle attached to it by adhesive means. The needle-protecting device includes a one-piece structure for holding a rubber stopper in which the

tip of the needle is inserted. The one-piece structure is provided with a break-point so that the top portion of the structure can be broken off and the needle tip released.

3. DE 44 38 360 A1, published May 9, 1996; Michael Reinhard, et al; Schott Glasswerke, applicant. This reference is in German and describes a one-time use syringe made of plastic. The syringe body, grip and syringe head consist of plastic and the syringe has an integrated hollow needle.

4. EP 0 438 368, application published, July 24, 1991; Jaime Caralt Batle, inventor and applicant. This reference is in English and discloses a disposable pre-fillable one-time usage syringe with a tubular needle secured releasably in the head of the syringe body and a hollow piston for delivery of the contents through the tubular needle. The piston has means for release of the tubular needle that cooperate with elements in the hollow piston, so that a spring engaged

around the tubular needle ejects it into the hollow piston when the hollow piston delivers the contents of the syringe.

5. EP 0 394 537 B1, application published October 31, 1990; R. D. McNaughton, inventor and applicant. This reference is in English. It discloses a hypodermic needle that has a tubular sleeve dimensioned to fit over the barrel. This tubular sleeve slides over the barrel and can be locked in two positions in one of which the needle is full protected and in another the needle is exposed for use. This device provides a protection against accidental injury.

6. EP 0 636 381 B1, published February 1, 1995; Tarcisia Maggioni, inventor; FINESTYLE PROPERTIES LIMITED, London. This reference is in English. It discloses a disposable one-time use syringe. The dispensing piston has means for engaging elements on the end of the hollow needle so that the hollow needle is withdrawn into the body

of the syringe after dispensing its contents, thus prevent further use of the syringe.

7. EP 0 728 457, published August 28, 1996; D. Solomon, inventor; Becton Dickinson and Co., applicant. This reference is in English. This reference discloses a closed container with an integrated “transfer set”, which avoids the disadvantage that particles of an elastomeric stopper are retained in the hollow needle. The “transfer set” is a device for transferring the preparation into an applicator or directly into its final container. In this case a bottle body is provided with a container portion and a transfer portion including a hollow needle and a protective cap is removable affixed on the bottle body over the transfer portion.

8. WO 97/10156, published March 20, 1997; Antoine ANEAS, inventor; CABINET GERMAIN & MAUREAU, applicants. This reference is in French. This reference also



discloses a closed container with an integrated “transfer set”, which avoids the disadvantage that particles of an elastomeric stopper are retained in the hollow needle. Its structure is somewhat more complicated than the similar device described in EP 0 728 457 (described under 7 above).

9. R.D. Anand, “Spritzenampullen: Ein Vergleich in Zusammensetzung, Verarbeitung und Gebrauch vorgefüllter Spritzen”, Pharm. Ind. **54**, Nr. 1, pp. 69 to 72 (1992). This review article is in the German language. It includes a review and comparison of the various pre-filled syringes on the market including a description of their composition, manufacture and use. Various requirements and specifications are described.